

# SWALLOW

## Or A NEW

# ALMANACK

for the Year of our  
LORD GOD

1676.

Being the Bissextile or Leap-year and  
from the Worlds Creation  
5680.

Calculated properly for the famous  
University and Town of Cambridge.

Where the Pole Artick is elevated 52 degrees  
and 17 minutes above the Horizon.

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*Omnia salte merit tempus.*

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CAMBRIDGE,

Printed by John Hayes Printer to  
the University, 1676.

# The Common Notes and Moveable Feasts for this year of our Lord God, 1676.

**T**He Golden Number is  
The Cycle of the Sun

The Epact

The Dominical Letters

Shrove-sunday

Easter-day

Ascension-day

Whitsunday

Trinity-sunday

Advent-sunday

5

5

25

25

Feb. 6

March 26

May 4

May 14

May 21

Decemb. 3

## The Anatomy of mans body.



The names of the 12 Signs with the parts of mans body  
which they are said to govern.

- |                         |                          |
|-------------------------|--------------------------|
| ♈ Aries Head and Face   | ♎ Libra Reins and Loyns  |
| ♉ Taurus Neck & Throat  | ♏ Scorpio Secret members |
| ♊ Gemini Arms & Shoul.  | ♐ Sagittarius the Thighs |
| ♋ Cancer Breast & Stom. | ♑ Capricornus the Knees  |
| ♌ Leo Heart and Back    | ♒ Aquarius the Leggs     |
| ♍ Virgo Bowels & Belly  | ♓ Pisces the Feet        |

Swallow 1676.

The Terms with their Returns for this year.

Hilary Term begins January 24, and ends February 12, and hath 4 returns, viz.	{ Octab. Hilar. Jan. 20 Quind. Hilar. Jan. 27 Craft. Purif. Febr. 3 Octab. Purif. Febr. 10
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Easter Term begins April 12 ends May 8, and hath 5 returns.	{ Quind. Pasch. April 10 Tres Pasch. April 17 Mens. Pasch. April 24 Quinq. Pasch. May 2 Craft. Ascen. May 5
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Trinity Term begins May 26 and ends June 14, and hath 4 returns.	{ Craft. Trin. May 22 Octab. Trin. May 29 Quind. Trin. June 5 Tres Trin. June 12
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Michaelmas Term begins October 23, ends November 18, and hath 6 returns.	{ Tres Mich. Octob. 20 Mens. Mich. Octob. 27 Craft. anim. Nov. 3 Craft. Mart. Nov. 13 Octab. Mart. Nov. 18 Quind. Mart. Nov. 25
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Note that the Exchequer openeth 8 days before any Term begins, except the Term of Trinity, in which it openeth but 4 days before.

Note also that the splendid Planet Venus is our bright evening Star from the beginning of the year to the 19 of August, and then passing her Conjunction with the Sun, she becoms our glorious morning Star to the years end.

# Swallow 1676.

## The Regal Table in an exact manner.

The Year, Month, and Day, (accounting the Year to begin Jan. 1.) whereon every K. and Q. of Eng. since the Conq. began their Reign.			The number of Years, Months, & Days, that every K. & Q. reign, 28 da. to a mon.			The num. of y. expired in this ye. since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14	20 y	11 m	22 d	1610		
W. Rufus	1087	Sept. 9	12 y	11 m	18 d	589	W. Conq.	
Henry	1100	August 2	35 y	4 m	11 d	576	W. Rufus	
Stephen	1135	Decem. 1	12 y	11 m	18 d	541	Henry	1
Henry	1154	Octob. 25	34 y	9 m	2 d	522	Stephen	
Richard	1189	July 6	9 y	9 m	0 d	487	Henry	2
John	1199	April 6	17 y	7 m	0 d	477	Richard	1
Henry	1216	Octob. 19	56 y	1 m	0 d	460	John	
Edward	1272	Nov. 16	34 y	8 m	6 d	404	Henry	3
Edward	1307	July 7	19 y	7 m	5 d	369	Edward	1
Edward	1327	Jan. 25	50 y	5 m	7 d	350	Edward	2
Richard	1377	June 21	22 y	3 m	14 d	299	Edward	3
Henry	1399	Sept. 29	13 y	6 m	3 d	277	Richard	2
Henry	1413	Marc. 20	9 y	5 m	24 d	263	Henry	4
Henry	1423	Aug. 31	38 y	6 m	16 d	254	Henry	5
Edward	1461	March 4	22 y	1 m	8 d	216	Henry	6
Edward	1483	April 9	0 y	2 m	18 d	193	Edward	4
Richard	1483	June 22	2 y	2 m	5 d	193	Edward	5
Henry	1485	Aug. 22	23 y	10 m	24 d	191	Richard	3
Henry	1509	April 22	37 y	10 m	2 d	167	Henry	7
Edward	1547	Jan. 28	6 y	5 m	19 d	130	Henry	8
Q. Mary	1553	July 6	5 y	4 m	23 d	123	Edward	6
Q. Elizab.	1558	Nov. 17	44 y	4 m	15 d	118	Q. Mary	
K. James	1603	Mar. 24	22 y	0 m	3 d	74	Q. Elizabeth	
Charles	1625	Mar. 27	22 y	10 m	3 d	51	K. James	
Charles	1649	Jan. 30	Long live the King			27	Charles	1

## The use of this Table in Example.

King Henry 8 began his reign in the year of Christ 1509. April 22, He reigned 37 years 10 months and 2 days. It is since he began his reign 167 years compleat the 22 of April in this year 1676. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 130 years since he died, January 28. And so of the rest.

Fan-



# January hath xxxi days.

New moon the 5 day, 39 min. past 4 in the morning  
 First quarter the 12 day, 58 min. past 8 at night.  
 Full moon the 20 day, at 7 at night.  
 Last quarter the 27 day, 9 min. past 6 at night.

1	a	Circumcision	Sagit.	2	21	17	Very cold va-
2	b	2 sun. af. Chr.		16	22	18	riable, and
3	c	Octab. John	Capr.	1	23	20	windy wea-
4	d	Octab. Inno.		15	24	21	ther, if not
5	e	Simson		29	25	22	snow about
6	f	Epiphany	Aquar.	12	26	23	this time.
7	g	Jultan		26	27	25	
8	h	Luctan	Pisc.	9	28	26	
9	i	1 aft. Epiph.		22	29	27	
10	c	Paul Herm.	Aries	4	0	28	
11	d	Hygin M.		16	1	29	
12	e	Arctadius		28	2	30	Cold and
13	f	Milary Bish.	Taur.	10	3	31	cloudy, with
14	g	Felix		22	4	32	some frost, if
15	h	Maurice.	Gem.	4	5	33	not snow, and
16	i	2 aft. Epiph.		16	6	34	windy sharp
17	c	Anthony		28	7	35	air most part
18	d	Prisca	Canc.	10	8	36	of this moneth
19	e	Wolfstan		23	9	37	
20	f	Octab. Hilar.	Leo	6	10	38	
21	g	Agnes m.		20	11	39	
22	h	Vincent m.	Virgo	4	12	40	
23	i	3 aft. Epiph.		17	13	41	
24	c	Term begins	Libra	2	14	42	
25	d	Conv. S. Paul		16	15	43	
26	e	Polycarp.	Scorp.	0	16	44	
27	f	Quind. Hilar.		14	17	45	
28	g	Agnes app.		28	18	45	
29	h	Valerius	Sagit.	12	19	46	Pleasant at
30	i	K. Charles M		26	20	47	the end.
31	c	Saturn	Capr.	10	21	48	

February hath xxix days.

New moon the 3 day 40 min. past 6 at night

First quarter the 11 day 50 min. past 4 afternoon

Full moon the 19 day, 57 min. past 9 before noon

Last quarter 26 day at 1 in the morning

1	d	Agustine fast	Capr.	24	12	48	
2	e	Candlemas	Aquar.	7	23	49	Begins well.
3	f	Craft. Purif.		21	24	49	
4	g	Gilbert	Pisc.	4	25	50	Windy with
5	a	Agatha		17	26	51	snow or rain.
6	25	Shrove. sund.		29	27	51	about this
7	c	Ingulus	Aries	12	28	52	time.
8	d	Shrove. Tuesd.		24	29	52	
9	e	Ashwednesd.	Taur.	6	0X	52	
10	f	Scholastica		18	1	53	
11	g	Soother	Gem.	0	2	53	Cloudy and
12	a	Febr. ends		11	3	54	cold, if not
13	2	Quadragesim.		24	4	54	snow or rain.
14	c	Valentine	Canc.	6	5	54	
15	d	Faustine		18	6	55	
16	e	Emb. week	Leo	1	7	55	Cold still.
17	f	Constant		14	8	55	
18	g	Simcon		28	9	55	Good wea-
19	a	Sabine	Virg	12	10	55	ther for the
20	2	2 sun. in lent	Ordin.	27	11	55	season of the
21	c	Elmbert	Libra	11	12	55	year.
22	d	Cath. Met.		26	13	55	
23	e	Serenus	Scorp.	10	14	55	
24	f	Interces. fast		25	15	55	
25	g	Matthias Ap.	Sagitt.	9	16	55	Good wea-
26	a	Witowin		23	17	55	ther for seed-
27	2	3 sund. in lent	Capr.	7	18	55	time at the
28	b	Oswald		20	19	55	end.
29	c	Roman	Aquar.	4	20	55	

# March hath xxxi days.

New moon 4 day, 8 min. past 10 before noon

First quarter 12 day 44 min. past noon.

Full moon the 19 day, 10 min. past 7 at night.

Last quarter 26 day, 51 min. past 8 in the morning.

1	d	David B.	Aqua.	17	21	54	This moneth is like to be- gin well.
2	e	Chad B.	Pisces	0	22	54	
3	f	Lucius		13	23	54	
4	g	Adrian		24	24	53	
5	a	Midlent fund.	Aries	8	25	53	Windy about this time with some wet.
6	b	Frederic		20	26	53	
7	c	Perpetua.	Taur.	3	27	52	
8	d	Mauritan		14	28	52	
9	e	40 Martyrs		26	29	51	Cold and stormy, with high winds.
10	f	Sun in Aries	Gem.	8	0	50	
11	g	Olwin.		20	1	50	
12	a	5 fund. Lent	Canc.	1	2	49	
13	b	Wigand		14	3	48	Pleasant weather a- bout this time, with some wind.
14	c	Leo Bish.		26	4	48	
15	d	Longine	Leo	9	5	47	
16	e	Cyril		22	6	46	
17	f	Gertrude	Virgo	6	7	45	Pleasant weather a- bout this time, with some wind.
18	g	Edward K.		21	8	44	
19	a	Palm Sunday	Libra	5	9	44	
20	b	Cuthbert		20	10	43	
21	c	Benedict	Scorp.	5	11	42	Pleasant weather a- bout this time, with some wind.
22	d	Sphrosian		20	12	41	
23	e	Theodore	Sagitt.	5	13	40	
24	f	Good Friday		19	14	38	
25	g	Lady day	Capr.	3	15	37	Pleasant weather a- bout this time, with some wind.
26	a	Easter day		17	16	36	
27	b	Archibald	Aquar.	1	17	35	
28	c	Fremond		14	18	34	
29	d	Enstach		27	19	33	Pleasant weather a- bout this time, with some wind.
30	e	Patron B.	Pisces	9	20	32	
31	f	Guido		22	21	30	

# April hath xxx days.

New moon the 3 day, 12 min. past 2 in the morning  
 First quarter the 11 day, 5 min. past 5 in the morning  
 Full moon the 18 day at 3 in the morning  
 Last quarter the 24 day, 41 min. past 6 at night.

1	<b>E</b>	<b>Con. M. M.</b>	<b>Aries</b>	4	22	281	
2	<b>B</b>	<b>Low Sunday</b>		17	23	27	Some wind
3	<b>b</b>	<b>Richard B.</b>		29	24	26	if not moi-
4	<b>e</b>	<b>Ambrose</b>	<b>Taur.</b>	11	25	24	sture about
5	<b>d</b>	<b>Martian</b>		22	26	23	the begin-
6	<b>e</b>	<b>Ethelwold</b>	<b>Gem</b>	4	27	21	ning.
7	<b>f</b>	<b>Sigene Ab.</b>		16	28	19	
8	<b>g</b>	<b>Egesippus</b>		28	29	18	Good wea-
9		<b>1 sun. af. East.</b>	<b>Canc</b>	10	08	16	ther for the
10	<b>b</b>	<b>Quind. Pasch.</b>		22	1	14	most part till
11	<b>c</b>	<b>Leo Pope</b>	<b>Leo</b>	5	2	13	towards the
12	<b>d</b>	<b>Term begin</b>		17	3	11	end of the
13	<b>e</b>	<b>Justine</b>	<b>Virgo</b>	1	4	9	moneth.
14	<b>f</b>	<b>Valerian</b>		14	5	7	
15	<b>g</b>	<b>Olympia</b>		29	6	6	
16	<b>B</b>	<b>3 sun. af. East.</b>	<b>Libra</b>	13	7	4	
17	<b>b</b>	<b>Tres Pasc.</b>		28	8	2	
18	<b>c</b>	<b>Oswin</b>	<b>Scorp.</b>	14	9	0	
19	<b>d</b>	<b>Timothens</b>		29	9	58	Very warm
20	<b>e</b>	<b>Sulpitius</b>	<b>Sagit</b>	14	10	56	about this
21	<b>f</b>	<b>Anselme</b>		29	11	54	time.
22	<b>g</b>	<b>Soter Pet.</b>	<b>Capr.</b>	13	12	52	
23	<b>B</b>	<b>4 sun. af. East</b>		27	13	50	S. GEORGE.
24	<b>b</b>	<b>Menl. Pasch.</b>	<b>Aquar.</b>	10	14	48	
25	<b>c</b>	<b>S. Mark Eyan.</b>		24	15	45	Colder now
26	<b>d</b>	<b>Cletus</b>	<b>Pisc.</b>	7	16	43	with windy,
27	<b>e</b>	<b>Walburg.</b>		19	17	41	stormy wea-
28	<b>f</b>	<b>Vitalis</b>	<b>Aries</b>	1	18	39	ther.
29	<b>g</b>	<b>Peter Mart.</b>		13	19	37	
30	<b>B</b>	<b>Regation sun.</b>		26	20	34	

# May hath xxxi days.

New moon the 2 day, 9 min. past 6 afternoon  
 First quarter the 10 day, 8 min. past 6 in the afternoon  
 Full moon the 17 day 18 min. past 10 before noon  
 Last quarter the 24 day, 30 min. past 6 in the morning

1	b	Phil. & Jacob	Taur.	7	21	32	Pleasant at the begin- ning.
2	c	Athanasius		19	22	30	
3	d	Invent cruc	Gem.	1	23	27	
4	e	Holy Thursday		13	24	25	
5	f	Craft. Ascen.		25	25	23	
6	g	Joh. Por. Lat.	Canc.	7	26	20	
7	h	sun. af. Ascen.		19	27	18	
8	i	Term ends	Leo	1	28	15	
9	c	Pazianzen		14	29	13	Cool, cloudy, and windy a- bout this time, if not storms.
10	d	Gozdia		27	01	10	
11	e	Samert	Virgo	10	1	8	
12	f	Sanctate		23	2	5	
13	g	Herbat fast	Libra	7	3	2	
14	h	Whitsunday		21	4	0	
15	i	Dymphna	Scorp.	7	4	57	
16	c	Peregrine		22	5	55	
17	d	Emb. week	Sagit	7	6	52	
18	e	Seward btl.		22	7	49	More pleasant now, but high winds follow.
19	f	Prudent v.	Capr.	7	8	47	
20	g	Ethelbert		21	9	44	
21	h	Trin. sun. Or.	Aquar.	6	10	41	
22	i	Adelung		20	11	39	
23	c	Wesderius	Pisc.	3	12	36	
24	d	Brandine		15	13	33	
25	e	Corp. Christ.		28	14	30	
26	f	Term begins	Aries	5	15	27	Toward the end very hot, with thunder in some places
27	g	Bede		21	16	25	
28	h	1 sun. af. Trin.	Taur.	4	17	22	
29	i	K. Cha. 2 nat.		16	18	19	
30	c	Felix M.		28	19	16	
31	d	Petronella	Gem.	10	20	13	

# June hath xxx days.

New moon the 1 day, 17 min. past 9 before noon  
 First quarter the 9 day 37 min. past 5 in the morning  
 Full moon the 15 day, 27 min. past 5 afternoon  
 Last quarter the 22 day, 45 min. past 8 at night  
 New moon the 30 day, 19 min. past 11 at night

1	a	Amphilys	Gem. 22	21	10	Sun Eclipsed the first day at 9 in the morning.
2	e	Marcelline	Canc. 4	22	8	
3	e	Erasmus m.	16	23	5	
4	e	2 aft. Trin.	28	24	2	
5	b	Quind. Trin.	Leo 11	24	59	Good wea- ther.
6	e	Clandius	23	25	56	
7	d	Paul	Virg. 6	26	53	
8	e	Medard	20	27	50	
9	e	Helagia	Libra 3	28	47	High winds, if not storms with heat following
10	e	Margaret Q.	17	29	44	
11	e	S. Barnabas	Scorp. 1	0	41	
12	b	Basil mart.	16	1	39	
13	e	Anthony	Sagit. 1	2	36	Cooler with some moisture
14	d	Term ends	16	3	33	
15	e	Vitus	Capr. 1	4	30	
16	e	Rowland	16	5	27	
17	e	Botolph	Aquar. 0	6	24	Very warm, with high winds and thunder in some places.
18	e	4 aft. Trin.	14	7	21	
19	b	Gerhase	28	8	18	
20	e	Hilberius	Pisces 1	9	15	
21	d	Walburg	24	10	12	
22	e	Alban mart.	Aries 7	11	9	
23	e	Jo. & P. fast	19	12	6	
24	e	S. John Bap.	Taur. 1	13	3	
25	e	5 aft. Trin.	13	14	0	
26	b	Loz Bish.	25	14	57	
27	e	Crescens	Gem. 7	15	54	
28	d	Leo P. fast	19	16	52	
29	e	S. Peter Apo.	Canc. 1	17	49	
30	e	Com. of Paul	13	18	46	

# July hath xxxi days.

First quarter the 8 day 14 min. past 10 before noon.  
 Full moon the 15 day 24 min. past 1 in the morning  
 Last quarter the 22 day 34 min past noon  
 New moon the 30 day 38 min. past noon

1	<b>B</b>	<b>Rumold</b>	<b>Canc.</b>	25	19	43	
2	<b>A</b>	<b>6 after Trin.</b>	<b>Leo</b>	8	20	40	
3	<b>b</b>	<b>Hiacynthus</b>		20	21	37	Hot weather,
4	<b>c</b>	<b>Ulricus</b>	<b>Virg.</b>	3	22	34	but soon
5	<b>d</b>	<b>Anselme</b>		17	23	31	grows cooler,
6	<b>e</b>	<b>Hector</b>	<b>Libra</b>	0	24	28	with winds,
7	<b>f</b>	<b>Becket</b>		13	25	26	and storms
8	<b>g</b>	<b>Chilton</b>		27	26	23	following.
9	<b>A</b>	<b>7 after Trin.</b>	<b>Scorp.</b>	11	27	20	
10	<b>b</b>	<b>7 Brethren</b>		26	28	17	
11	<b>c</b>	<b>Plus bis.</b>	<b>Sagit</b>	10	29	14	
12	<b>d</b>	<b>Henry</b>		25	0	12	
13	<b>e</b>	<b>Anacleto</b>	<b>Capr.</b>	9	1	9	I fear bad
14	<b>f</b>	<b>Bonavent.</b>		24	2	6	weather a-
15	<b>g</b>	<b>Switbth B.</b>	<b>Aquar.</b>	8	3	3	bout this
16	<b>A</b>	<b>8 aft. Trin.</b>		21	4	1	time, with
17	<b>b</b>	<b>Alexius</b>	<b>Pisc.</b>	6	4	58	thunder, do-
18	<b>c</b>	<b>Reina</b>		10	5	55	ing harm in
19	<b>d</b>	<b>Dog day beg.</b>	<b>Aries</b>	3	6	53	some places.
20	<b>e</b>	<b>Margaret m.</b>		15	7	50	
21	<b>f</b>	<b>Draxeda</b>		27	8	47	
22	<b>g</b>	<b>Mary Mag.</b>	<b>Taur.</b>	9	9	45	Better wea-
23	<b>A</b>	<b>9 aft. Trin.</b>		21	10	42	ther about
24	<b>b</b>	<b>Christian f2.</b>	<b>Gem.</b>	3	11	40	this time, but
25	<b>c</b>	<b>S. James</b>		15	12	37	windy if not
26	<b>d</b>	<b>Martha M.</b>		27	13	34	storms soon
27	<b>e</b>	<b>Joseph</b>	<b>Canc.</b>	8	14	32	after.
28	<b>f</b>	<b>Celsus M.</b>		21	15	29	
29	<b>g</b>	<b>Beatrice</b>	<b>Leo</b>	4	16	27	
30	<b>A</b>	<b>10 aft. Trin.</b>		16	17	24	
31	<b>b</b>	<b>Ignatius</b>	<b>Virg.</b>	0	18	22	



# August hath xxxi days.

First quarter the 6 day, at 3 afternoon.

Full moon the 13 day, 3 min. past 11 beforenoon.

Last quarter the 21 day, 11 min. past 6 in the morn.

New moon the 28 day, 33 min. past 9 at night.

1	c	Lammaz day	Virg.	13	19	20	
2	d	Stephen M.		27	20	17	Good wea-
3	e	Invent Ste.	Libra	10	21	15	ther about
4	f	Dominick		24	22	12	this time.
5	g	Oswald	Scorp.	8	23	10	
6	a	11 aft. Trin.		22	24	8	
7	b	Donatus	Sagit	6	25	6	Cool and
8	c	Cyrise		20	26	3	cloudy, if not
9	d	Julian	Capr.	4	27	1	some wet.
10	e	Lawren. M.		19	27	59	
11	f	Gilbert	Aquar.	3	28	57	
12	g	Clare virg.		17	29	55	Good harvest
13	a	12 aft. Trin.	Pisces	1	om	53	weather
14	b	Eusebius		14	1	51	about this
15	c	Assump. of M.		28	2	48	time.
16	d	Boch	Aries	10	3	46	
17	e	Hammes		23	4	44	
18	f	Helena	Taur.	5	5	43	
19	g	Sebald		17	6	41	
20	a	13 aft. Trin.		29	7	39	Some storms
21	b	Richard bts.	Gem.	11	8	37	if not thunder
22	c	Timothens		23	9	35	near this
23	d	Jacheus fast	Canc.	5	10	33	time.
24	e	S. Bartholom.		17	11	31	Pleasant har-
25	f	Lewis B.		29	12	30	vest weather.
26	g	Irenens	Leo	12	13	28	
27	a	14 after Trin.		25	14	26	Near the end
28	b	Dog days end	Virgo	8	15	25	it may be
29	c	Decol. J. Bap.		22	16	23	some storms.
30	d	Felix	Libra	6	17	22	
31	e	Adrian		20	18	21	

# September hath xxx days.

First quarter the 4 day, 49 min. past 7 at night.  
 Full moon the 11 day, 33 min. past 11 at night.  
 Last quarter the 19 day, 35 min. after midnight.  
 New moon the 27 day, 17 min. past 11 beforenoon.

1	f	Giles Abbot	Scorp.	4	19	19	
2	g	Herapia		19	20	17	Pleasant wea-
3	a	15 aft. Trin.	Sagit.	3	21	16	ther about
4	b	Eutbert		17	22	14	this time.
5	c	Wicopin	Capr.	1	23	13	
6	d	Magnus		15	24	12	Now expect
7	e	Danstan		29	25	10	variable win-
8	f	Nat. of Mary	Aquar.	13	26	9	dy and stormy
9	g	Sorjon		26	27	8	weather.
10	a	16 after Trin.	Pisces	10	28	7	
11	b	Hiacynthus		23	29	6	
12	c	Canfwide.	Aries	6	0	4	Warm for the
13	d	Amatus		19	1	3	season, if not
14	e	Exalt. Cruc.	Taur.	1	2	2	thunder in
15	f	Nichomedes		13	3	1	some places,
16	g	Euphemis		25	4	0	with wind
17	a	17 aft. Trin.	Gem.	7	4	59	and storms
18	b	Methodus		19	5	58	following.
19	c	Jannarius	Canc.	1	6	58	
20	d	Emb. week		12	7	57	
21	e	S. Matthew		25	8	56	
22	f	Maurice	Leo	7	9	55	Good wea-
23	g	Edoras		20	10	55	ther for the
24	a	18 aft. Trin.	Virgo	3	11	54	most part at
25	b	Cleophas		16	12	53	the latter
26	c	Cyprian	Libra	0	13	53	part of this
27	d	Col. & Dam.		15	14	52	moneth.
28	e	Wenceslaus		29	15	52	
29	f	S. Michael	Scorp.	14	16	51	
30	g	Jerome		29	17	51	

October hath xxxi days.

First quarter the 4 day, 16 min. past 2 in the morning  
Full moon the 11 day, 40 min. past 2 afternoon  
Last quarter 19 day, 50 min. past 6 at night  
New moon the 26 day 40 min. past 9 at night

1	a	19 after Trin.	Sagit.	13	18	50	
2	b	Leodegar		28	19	50	
3	c	Candide	Capr.	12	20	50	Indifferent
4	d	Francis		26	21	50	Good wea-
5	e	Spoltne	Aquar.	9	22	49	ther for the
6	f	Bruno		23	23	49	season of the
7	g	Marcellus	Pisc.	6	24	49	year.
8	a	20 after Trin.		19	25	48	
9	b	Dionysus	Aries	2	26	48	More pleasant
10	c	Gideon		15	27	48	
11	d	Burchard		27	28	48	
12	e	Wulfred	Taur.	9	29	48	
13	f	Grant. Edw.		21	om	48	About this
14	g	Calistus	Gem.	3	1	48	time expect
15	a	21 aft. Trin.		15	2	48	cold windy
16	b	Gellus		27	3	48	and stormy
17	c	Andrey virg.	Canc	9	4	48	weather.
18	d	S. Luke Evan.		21	5	49	
19	e	Hololome	Leo	3	6	49	
20	f	Wendelin		15	7	49	Cold still, if
21	g	Ungula virg.		28	8	49	not frost.
22	a	22 aft. Trin.	Virg.	11	9	50	
23	b	Term begins		24	10	50	
24	c	Salome	Libra	8	11	50	
25	d	Crispinus		23	12	51	Towards the
26	e	Enaristus	Scorp.	8	13	51	moneths end
27	f	Two Conf. fa.		23	14	52	pleasant and
28	g	Simon & Iude	Sagit.	8	15	52	warmer wea-
29	a	23 after Trin.		23	16	53	ther.
30	b	German	Capr.	8	17	53	
31	c	Quintin fast		22	18	54	

November hath xxx days.

First quarter the 2 day, 7 min. past noon

Full moon the 10 day, 50 min. past 8 in the morning

Last quarter the 18 day, 3 min. past noon

New moon the 25 day, 53 min. past 8 in the morning

1	d	All Saints	Aquar.	6	19	54	
2	e	All souls		20	20	55	
3	e	Winefride	Pisces	3	21	56	Cold stormy
4	e	Agricola m.		16	22	56	Winter-like
5	a	Powder Plot		29	23	57	weather may
6	b	Heberus	Aries	11	24	58	now be ex-
7	e	Willibrood		24	25	59	pected.
8	b	Florentine	Taur.	6	26	59	
9	e	Theodorus		18	28	0	
10	e	Crishon	Gem.	0	29	1	
11	e	Martin bth.		12	02	2	
12	a	25 aft. Trin.		24	1	3	Windy, with
13	b	Engentus	Canc.	6	2	4	storms about
14	e	Frederick		17	3	5	this time.
15	b	Leopold		29	4	6	
16	e	Edmund B.	Leo	12	5	7	
17	e	Amanus		24	6	8	
18	e	Gelasus	Virg.	6	7	9	
19	a	26 aft. Trin.		19	8	10	
20	b	Edmund B.	Libra	3	9	11	
21	e	Oblat. Mary		17	10	12	Good wea-
22	b	Cicely bth.	Scorp.	1	11	13	ther now for
23	e	Clement B.		16	12	14	the season to
24	e	Chyslog. B.	Sagit.	1	13	15	the end of
25	e	Katherine m.		16	14	16	the moneth.
26	a	27 aft. Trin.	Capr.	1	15	18	Sun Eclipsed
27	b	Oda bth.		16	16	19	the 15 day in
28	e	Term ends	Aquar.	1	17	20	the morning.
29	b	Saturn fast		15	18	21	
30	e	S. Andrew		29	19	22	

# December hath xxxi days.

First quarter 2 day, 5 min. past 2 in the morning  
 Full moon the 10 day, 5 min. past 4 in the morning  
 Left quarter 18 day, 6 min. past 3 in the morning  
 New moon the 24 day, 15 min. past 6 at night  
 First quarter 31 day, 58 min. past 6 at night

1	f	Daniel	Pisces	13	20	24	
2	g	Candida		26	21	25	
3	a	Advent sund.	Aries	9	12	26	Not very cold
4	b	Barbara		21	23	27	considering
5	c	Sabbas	Taur.	3	14	28	the season.
6	d	Nicholas		15	25	30	
7	e	Ambrose		27	16	31	
8	f	Conce. of M.	Gem.	9	27	32	Not much al-
9	g	Joachim		21	28	34	teration till
10	a	2 sund. Adv.	Canc.	3	29	35	about the
11	b	Melchisedes		14	0 <sup>h</sup>	36	middle.
12	c	Epimachus		26	1	37	
13	d	Lucian m.	Leo	9	2	39	Cold, it may
14	e	Nicholas		21	3	40	be some frost,
15	f	Hilda Abbess.	Virgo	3	4	41	with rain or
16	g	O Sapientia		16	5	43	snow follow.
17	a	3 sun. in Adv.		29	6	44	and then bet-
18	b	Christopher	Libra	12	7	45	ter weather.
19	c	Pemestus		26	8	47	
20	d	Epiph. week	Scorp.	10	9	48	
21	e	S. Thomas		24	10	49	
22	f	Theodosius	Sagit.	9	11	51	
23	g	Wicor. bish.		24	12	52	Windy with
24	a	4 sun. in Ad.	Capr.	9	13	53	snow or rain.
25	b	Nat of Christ		25	14	55	
26	c	S. Stephen	Aqua.	9	15	56	
27	d	S. John		24	16	57	
28	e	Innocents	Pisces	8	17	58	
29	f	Crescens		22	19	0	Cold weather
30	g	David	Aries	5	20	1	ends the year.
31	a	Sun. aft. Chr.		18	21	3	

S W A L L O W.

the latter part of this  
A L M A N A C K  
for the Year of our  
L O R D G O D

1 6 7 6.

Being the Bissextile or Leap-year,  
and from the Conquest of  
*England by William Duke*  
*of Normandy 610.*

Wherein is contained the Eclipses, with  
their Causes; the time of the Sunsen-  
trance into the Cardinal signs, with some  
observations upon the four quarters of  
the year. With other things of note; as also  
Rules and Tables for measuring, sowing,  
and planting, sutable for a work of this  
kind.

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*Poma dat Autumnus: formosa est messibus Aestas:  
Ver praebet flores: Igne leuatur Hyems.*

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C A M B R I D G E,  
Printed by *John Hayes*, Printer to  
the University. 1676.



Swallow 1676.

*Of the Eclipses this year.*

**T**Here will be but two Eclipses this year, and both of them will be of the Sun, now it is a rule in Astronomy that if there shall happen two Central Eclipses of the Sun, the one before his Apogzon, and the other after it, there can be no Lunar Eclipse that year: this rule takes place this year, so that there can be no Eclipse of the Moon.

The first Eclipse will be upon the first day of June, the middle whereof will happen with us at Cambridge 21 min. past 9 of the Clock in the morning, in the 21 degree of Gemini the Digits Eclipsed will be 4 and 50 min. that is almost five parts of twelve of the Suns body: it will be totall about the Canary Islands and other places of the world far from us.

The second Eclipse will be the 25 of Novemb. near 9 in the morning, which according to M. Gadbury will be visible with us, though Wing mentions it not; it happens in 14 Degrees of Sagittarius.

*Of the four Quarters of the year, and first of the Spring.*

**T**He Spring is the most pleasant Quarter in the year, it beginneth at the Suns entrance into Aries which will be this year the 9 of March 38 min. past 3 afternoon; this quarter is naturally warm and moist, the Sun coming toward stars of a warm nature, and the East winds blowing, disperse the superfluous humours, making the earth apt to bring forth things fit for the good and comfort of man, if the Spring be much moist, fruit will be scarce, and rotten, but weees will abound. Cherries and such like fruit will be ripe betimes (if the Spring be warm withall) but will soon rot, and be worm-eaten; Roses and other flowers will be great, but not so sweet, they will better please the sight then the smell; if it be cold, and dry, fruit and grain will be more scarce, and longer



## Swallow 1676.

longer before they be ripe; but will be good if it be wet with much south-wind, and the former winter dry with much north-wind, the next summer will happen Agues, sore eyes, and pain in the bowels. A dry spring full of north winds, and a wet winter full of south winds going before, causeth women with child to be delivered before their time, or to bring forth weak children. *Gal. lib. 3. Aphor. 3.* So that if this quarter, or the next, shall vary from their proper natures, the fruits of the earth will be made worse and scarce, and diseases will be more rife.

### Of Summer.

Summer is of nature hot and dry, resembling Choler, it beginneth at the Suns entrance into Cancer, which will be this year *June* 10 day at 7 of the Clock at night, if this quarter be over wet, fruit will putrifie, and there will be but small store of Grain; if it be very hot with all, great sicknesses will happen. If it be very dry, Grain will be scarce in light grounds, but summer fruits will be wholesom, if it be cool, the year will be wholesom, and not much sickness, also a very still summer is a sign of a plague, or earthquake; as this quarter is hot and dry, so it alters the humours in mans body, and brings all fruits to their ripeness, cattel to their fatness, and men to their wealth.

### Of Autumn.

The Autumnal quarter is naturally cold, and dry, Melancholy, it beginneth at the Suns entrance into *Libra*, which will be the 12 day of *Septem.* at 10 before noon, making the days and nights of equal length as they were in the spring, and likewise it is a fit time to bleed, or take Physick, if Autumn be very moist Grapes will be putrified, and wine bad, if the end be wet there will be want of fruits in the ensuing year, if the beginning be dry, there will be penuria *Milii* if very hot much sickness, if very cold there will be loss in Fruit both in quantity, juyce, and beauty.

## Swallow 1676.

### Of Winter.

This quarter takes its beginning at the Suns entrance into *Capricorn* which will be this year the 10 of *Decemb.* at 10 of the Clock at night, it is naturally cold and moist. *Flegmatick*, like old age, it is a quarter that can boast of little, for it lies entrenched with gloomy mists, and weeps almost as often as it wants the Sun, or finds it hid within the compass of a cloud, the colder and drier this season is, it is the wholesomer, yet overmuch cold sometimes kills tender Trees and Plants, a warm and moist winter, full of south winds, is unwholesome, and an enemy to husbandmen, yet much snow doth fatten the ground, and preserve the corn.

*Ver* the Spring is so called *à vireo, vires*, because then *omnia virent* all things flourish. *Æstas* or summer is so called *ab æstu* from the exceeding heat, or according to the Germans it is called *Sun-mear*, that is *plus Solis*, or more Sun then at other times. *Autumnus* or *Autumn*, is so called from *Autumno*, which signifieth to make ripe, or else *à bonorum anni augmentatione*. *Hycms* or winter is so called *ab dimidium*, from half, because the vulgar people usually divide the year into two parts Summer and Winter. These seasons, with their qualities may be remembered by the following verses.

*Poma dat Autumnus: Formosa est messibus Æstas:*

*Ver prabet Flores: Igne levatur Hycms. Ovid.*

That is,

Autumn gives fruit: and Corn makes summer fair:

Spring shews us gays: Fire helps cold winters air.

An explanation of some words, and terms, commonly used in Almanacks, but not understood by all, and first of the *Ember days*.

The *Ember-weeks* are of great antiquity in the Church, and are four in number; they contain the Wednesday, Friday, and Saturday next after Ashwednesday, Whitunday, Holy-Cross, and S. Lucies day, according to the old verses.

Post

## Swallow 1676.

*Post Cineres, Penec, Post Crucem, postque Luciam,  
Mercurii, Veneris, Sabbatho, Fejania fient.*

They were at first ordained for quarterly seasons of devotion, wherein the ancient Christians put up their prayers and supplications to Almighty God, that thereby the whole year, and every of its four parts might be blessed, they were called **Ember days** from that ancient custom of using Hair-cloth, and Ashes in the time of publick Worship: they are now observed by the Church of England, by offering up their Prayers to God, desiring that he would be pleased, to direct the Bishops (upon the Ordination days which are the Sundays next following) that they may make choyce of fit persons to serve him in his Church.

### *Of Eclipses.*

To speak properly of an Eclipse, it is an obscuration of light in the Sun, and a defection in the Moon: that of the Sun never happens but at the Change of the Moon, and not at every Change, but onely at such time when the Moon hath little or no Latitude from the Ecliptick, for at such times the dark body of the Moon, either whole, or in part, passeth between the Sun and our sight, and so keepeth the light of the Sun from us.

The Moons Eclipse is always at her full, but not at every full Moon, but onely at such time when she hath little or no Latitude, or is near the head or tail of the Dragon; or thus, when the Sun, Moon, and earth, happen to be in a direct line, for (the Moon being a dark body as having no light but what she receives from the Sun) the earth being between the Sun and her causeth her to loose her light, either wholly, or in part (according to her Latitude) untill she getteth out of the Ecliptick line.

### *Of Latitude, and Elevation of the Pole.*

The Latitude of a Kingdom, City, or Town, is the number of Degrees it is distant either North, or South, from the Equator, (a supposed Circle compassing the middle

middle of the earth) those places which are on the south side are said to have South Latitude, and those on the North side, North Latitude; as we at Cambridge being 52 Degrees and 17 min. on the north side the Equator, are said to have 52 Deg. and 17 min. North Latitude. The Pole is elevated in any place, the same number of Deg. and min. that the Latitude of the place is, as we at Cambridge have the North Pole elevated 52 Degrees and 17 min. the Latitude of the Planets, is the distance they are, either North, or South, from the Ecliptick: but the Latitude of the fixed stars is the distance they are either North or South, from the Equinoctial, a supposed Circle compassing the middle of the heavens.

*Some short and easie directions for Measuring of Land.*

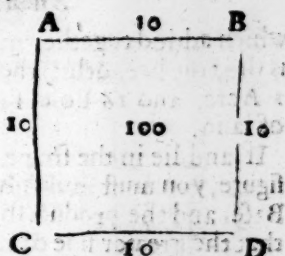
**T**HAT my Readers may be furnished with variety of Rules and Tables, and because sometimes they may have occasion to know the content of some Closets, or pieces of land lying in the open field (and not having a Surveyor near hand) shall here give you some easie rules for measuring of square, long, or Triangular land. First then get a chain or cord, of two Pole, or 33 foot in length, and divide it into halves, and quarters, or else get a Pole of wood 16 foot and halflong, and divide it as before. In the next place he is to know that 40 square Pole, or Perch, make one Rood, 40 half an acre, 110 three Roods and 10 one acre, this known let him proceed to measure as followeth.

If land be just square like to this figure *ABCD*, then multiply the side in it self, and the product sheweth how many square Rod is contained in the said piece of land.

Example,

# Swallow 1676.

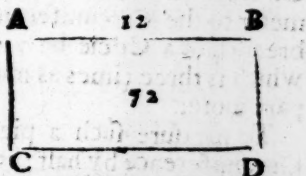
Example, suppose the square ABCD to be a piece of land, and the side thereof to contain 10 Rod, therefore multiply 10 in it self, and the product is 100, that is half an acre and half a Rood, and so much that piece of land containeth.



But if you cannot multiply, you may account it by your memory, saying 10 times 10 is an 100, or else take half the sum saying 5 times 10 is 50, which being doubled is 100 as before. if the square had been 8 Rod, the piece had contained 64 Rod, if the square had been 12 Rod it had contained 144 Rod, that is 3 Roods and 24 Pole.

If land lie in the form of a long square, (that is lands of that length which we commonly call Fur-longs,) having the opposite sides equal, like the following figure, ABCD, then multiply the length by the breadth, and the product is the content.

Example, suppose this figure ABCD to be a piece of land, whose length AB (equal to CD) is 12 Perches, or Pole, and the breadth AC 6 Rod, now if you multiply 12 by 6 the product will be 72, and so many pole doth the said piece of land contain which is 1 Rood and 32 Pole.



After this manner may all kind of lands in open fields be measured; for though the one end may be broader then the other, yet the breadth being taken at both ends, add them together, and take half the sum for the true breadth.

Example, the length of a land being 44 pole, and the breadth at one end 5 Pole, and at the other end 3 Pole.

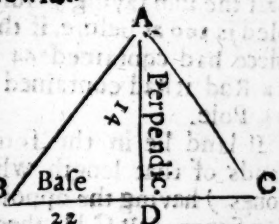
B 4

which

which added together make 8, the half thereof being 4 is the true breadth: then say 4 times 44 is 176, that is 1 Acre, and 16 Pole, for the content of the said piece of land.

If land lie in the shape of a Triangle, like the following figure, you must multiply the Perpendicular by half the Base, and the product sheweth the content. Take notice that the greater side of the Triangle is called the Base, whereupon the Perpendicular (that is the direct line coming from the opposite Angle) must fall square-wise, that is making right Angles therewith.

Suppose the Triangle A B D C to be a piece of land, whose Base is 22 Rod or Perches, and the Perpendicular A D 14 Rod, which I multiply by half the Base which is 11, and the product is 154, the content of the said piece of land, that is 3 Roods and 34 Pole, wanting but 6 Pole of an Acre.



If at any time you have land lying just in the form of a Circle, you must know that the proportion of the Diameter to the Circumference is as 7 to 22 that is if the breadth of a Circle be 7 the Compass of it will be 22, which is three times as much as the Breadth and one 7 part more.

To measure such a piece of land, multiply half the Circumference by half the Diameter, and the product is the content.

Example; in a Circle whose greatest Breadth is 14 Rod, and therefore the Compass 44 Rod, now I multiply 22 which is half the Compass, by 7 being half the Diameter, and the product 154 is the content of the said piece of land, that is 3 Roods and 34 Pole as in the former example.



Swallow 1676.

A Table of round Timber measure.

Inches	Feet	Inches	10 part of Inc.	10 part of a 10 part.	Inches	Inches	10 part of Inc.	10 part of a 10 part
1	113	01	7	1	16	5	3	0
2	28	03	4	2	17	4	6	9
3	12	06	8	5	18	4	1	9
4	7	00	8	5	19	3	7	6
5	4	06	3	0	20	3	3	9
6	3	01	7	1	21	3	1	1
7	2	03	7	0	22	2	8	0
8	1	09	2	3	23	2	5	6
9	1	04	7	6	24	2	3	5
10	1	01	5	7	25	2	1	7
11		01	2	2	26	2	0	0
12		09	4	2	27	1	8	6
13		08	0	3	28	1	7	3
14		06	9	2	29	1	6	1
15		06	0	3	30	1	5	1

In these Tables the Inch for exactness is divided into an hundred parts. The use of this Table for round Timber is thus: Gird your piece about with a string in the midst, and with a quarter of the compass enter this Table, finding the Inches in the first Column towards the left hand, and then right forward in the 4 next Columns are the Feet, Inches, and parts of an Inch (in length,) which make a Foot of that piece.



Swallow 1676.

A Table of square Timber measure.

Inches	Feet	Inches	10 parts of In.	10 part of a 10 part.	Inches	Inches	10 part of Inc.	10 part of a 10 part.
1	144	00	0	0	16	6	7	5
2	36	00	0	0	17	5	9	7
3	16	00	0	0	18	5	3	3
4	9	00	0	0	19	4	7	8
5	4	09	1	2	20	4	3	2
6	5	00	0	0	21	3	9	1
7	2	11	2	6	22	3	5	7
8	2	03	0	0	23	3	2	6
9	1	09	3	3	24	3	0	0
10	1	05	2	8	25	2	7	6
11	1	02	2	8	26	2	5	5
12	1	00	0	0	27	2	3	7
13		10	2	2	28	2	2	0
14		08	8	1	29	2	0	5
15		07	6	8	30	1	9	2

The use of this Table is like the former, onely herein you will see the error which Carpenters use in taking a quarter of the Circumference of square Timber, for the true square thereof. (making no difference between square Timber and round) which you will find is here contrary, they making their foot too long, for against 7 Inches square you will find 1 foot 11 Inches, two tenths of an Inch and something more go to one foot.

Swallow 1676.

A Table for board measure.

Inches	Feet	Inches	10 part of an Inch.	10 part of a 10 part.	Inches	Inches	10 part of an Inch.	10 part of a 10 part.
1	12	00	0	0	16	9	0	0
2	06	00	0	0	17	8	4	7
3	04	00	0	0	18	8	0	0
4	03	00	0	0	19	7	5	7
5	02	04	8	0	20	7	2	0
6	02	00	0	0	21	6	8	5
7	01	08	5	7	22	6	5	4
8	01	06	0	0	23	6	2	6
9	01	04	0	0	24	6	0	0
10	01	02	4	0	25	5	7	6
11	01	01	0	9	26	5	5	3
12	01	00	0	0	27	5	3	3
13		11	0	7	28	5	1	4
14		10	2	8	29	4	9	6
15		09	6	0	30	4	8	0

The use of this Table differs not much from the others, enter the Table with the breadth of your Board or Glafs, finding it in the first or sixth Coluine, and right against the same you shall find how many Feet, Inches, and parts of an Inch, in length will make a Foot. Example against 10 Inches the breadth of a Board in the first Coluine, I find one Foot, 1 Inches, and 4 tenth parts of an Inch in length will make a Foot.

# Swallow 1676

A Table of the hour and minute of Sun-rising every second day.

days	Januar.	Februa.	March	April	May	June
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. m.	ho. mi.
2	8 4	7 15	6 16	5 14	4 21	3 46
4	8 1	7 11	6 12	5 10	4 17	3 45
6	7 58	7 7	6 8	5 6	4 14	3 44
8	7 56	7 3	6 4	5 2	4 11	3 43
10	7 53	6 57	6 0	5 58	4 7	3 43
12	7 51	6 53	5 56	5 54	4 5	3 43
14	7 48	6 50	5 52	5 50	4 2	3 43
16	7 45	6 46	5 48	5 46	4 0	3 44
18	7 43	6 42	5 44	5 43	3 58	3 45
20	7 40	6 38	5 40	5 39	3 56	3 46
22	7 37	6 34	5 36	5 35	3 54	3 47
24	7 33	6 30	5 32	5 32	3 52	3 48
26	7 29	6 26	5 29	5 29	3 50	3 49
28	7 25	6 22	5 25	5 25	3 48	3 50
30	7 21	6 0	5 21	5 22	3 47	3 52
days	July	August	Septem.	Octob.	Novē.	Decem.
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. m.	ho. mi.
2	3 54	4 39	5 39	6 41	7 37	8 15
4	3 56	4 43	5 42	6 45	7 40	8 15
6	3 58	4 46	5 46	6 49	7 44	8 16
8	4 0	4 50	5 50	6 52	7 47	8 17
10	4 3	4 54	5 54	6 56	7 51	8 17
12	4 6	4 58	5 58	7 0	7 54	8 17
14	4 8	5 2	6 2	7 4	7 57	8 17
16	4 11	5 6	6 6	7 8	7 59	8 16
18	4 15	5 10	6 11	7 12	8 1	8 15
20	4 18	5 14	6 15	7 15	8 3	8 15
22	4 21	5 18	6 20	7 19	8 5	8 14
24	4 24	5 21	6 24	7 22	8 7	8 12
26	4 27	5 25	6 28	7 25	8 9	8 10
28	4 30	5 29	6 32	7 29	8 11	8 9
30	4 34	5 32	6 36	7 32	8 13	8 7

Seek the day on the side; and right against it, in every moneth, you have the hour and minute of Sun-rising.

# Swallow 1676.

A Table of the ho. and min. of Sun-setting every 2<sup>d</sup> day of the year.

Day	Januar ho. mi.	Februa. ho. mi.	March ho. mi.	April ho. mi.	May ho. mi.	June ho. mi.
1	3 56	4 45	5 44	6 46	7 39	8 14
4	3 59	4 49	5 48	6 50	7 43	8 15
6	4 2	4 53	5 52	6 54	7 46	8 16
8	4 4	4 57	5 56	6 58	7 49	8 17
10	4 7	5 3	6 0	7 2	7 53	8 17
12	4 9	5 7	6 4	7 6	7 55	8 17
14	4 12	5 10	6 8	7 10	7 58	8 17
16	4 15	5 14	6 12	7 14	8 0	8 16
18	4 17	5 18	6 16	7 17	8 2	8 15
20	4 20	5 22	6 20	7 21	8 4	8 14
22	4 23	5 26	6 24	7 25	8 6	8 13
24	4 27	5 30	6 28	7 28	8 8	8 12
26	4 31	5 34	6 31	7 31	8 10	8 11
28	4 35	5 38	6 35	7 35	8 12	8 10
30	4 39	0 0	6 39	7 38	8 13	8 8
Day	July ho. mi.	August ho. mi.	Septem. ho. mi.	October ho. mi.	Novem ho. mi.	Decemb ho. mi.
2	8 6	7 21	6 21	3 19	4 23	3 45
4	8 4	7 17	6 18	3 15	4 20	3 45
6	8 2	7 14	6 14	3 11	4 16	3 44
8	8 0	7 10	6 10	3 8	4 13	3 43
10	7 57	7 6	6 6	3 4	4 9	3 43
12	7 54	7 2	6 2	3 0	4 6	3 43
14	7 52	6 58	5 58	4 56	4 3	3 43
16	7 49	6 54	5 54	4 52	4 1	3 44
18	7 45	6 50	5 49	4 48	3 59	3 45
20	7 42	6 46	5 45	4 45	3 57	3 45
22	7 39	6 42	5 40	4 41	3 55	3 46
24	7 36	6 39	5 36	4 38	3 53	3 48
26	7 33	6 35	5 32	4 35	3 51	3 50
28	7 30	6 31	5 28	4 31	3 49	3 51
30	7 26	6 28	5 24	4 28	3 47	3 53

# Swallow 1676.

A plain and easie Table shewing the true Interest due upon any sum of money from five shillings to an hundred pounds for a year or under, after the rate of six pounds in the hundred.

	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.			
	£.	s.	d.	£.	s.	d.	£.	s.	d.	£.	s.	d.	£.	s.	d.	
Shill.	5	0	0	1	0	0	3	0	1	3	0	2	2	0	3	2
	10	0	0	2	0	1	3	0	3	2	0	5	2	0	7	0
	15	0	0	3	0	2	2	0	5	1	0	8	0	0	10	2
	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	2	4	2	3	6	3	4	9	0
Pounds.	5	0	6	0	1	6	0	3	0	0	4	6	0	5	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9	2	3	4	2	4	9	1	7	1	3	9	6	3
	9	0	10	3	4	8	1	5	4	2	8	0	3	10	9	0
		p.	£.	p.	p.	£.	p.	p.	£.	p.	p.	£.	p.	p.	£.	p.
	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	1	8	0
Tens of Pounds.	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10	0	1	10	0	2	0	0	4	10	0	6	0	0

Find your principall in the second Column, and right against the same is the interest due for one, three, six, nine, or twelve moneths.

Swallow 1676.

A Table shewing how to find Easter for ever  
by the help of the Golden Number  
and Dominical Letter.

G.N.	A	B	C	D	E	F	G
i	Apr. 9	10	11	12	6	7	8
ii	Mar. 26	27	28	29	30	31	apr. 1
iii	Apr. 16	17	18	19	20	14	15
iv	Apr. 9	3	4	5	6	7	8
v	Mar 26	27	28	29	23	24	25
vi	Apr. 16	17	11	12	13	14	15
vii	Apr. 2	3	4	5	6	mar. 31	apr. 1
viii	Apr. 23	24	25	19	20	21	22
ix	Apr. 9	10	11	12	13	14	8
x	Apr. 2	3	mar 28	29	30	31	apr. 1
xi	Apr 16	17	18	19	20	21	22
xii	Apr. 9	10	11	5	6	7	8
xiii	Mar 26	27	28	29	30	31	25
xiv	Apr. 16	17	18	19	13	14	15
xv	Apr 2	3	4	5	6	7	8
xvi	Mar 26	27	28	22	23	24	25
xvii	Apr. 16	10	11	12	13	14	15
xviii	Apr. 2	3	4	5	mar. 20	31	apr. 1
xix	Apr. 23	24	18	19	20	21	22

Yea. of our Lord	1673	1674	1675	1676	1677	1678	1679
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G.N.	2	3	4	5	6	7	8
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D.Lc.	E	D	C	BA	G	F	E
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Swallow 1676.

*The foregoing Table explained.*

**B**Y the former Table you may easily find *Easter*, (and from thence the other Moveable Feasts) in any year to come. The use is thus, You must first know the Golden Number and Dominical Letter for that year in the which you would know when *Easter* will fall, which you may find for 7 years at the bottom of the Table, then enter the Table with the Golden Number in the first Column and the Dominical Letter at the top, and in the common Angle is the day of the moneth whereon *Easter* falleth that year.

Example, this year 1676 the Golden Number is 5, and the Dominical Letter B. A, I find 5 in the first Column, and (there being two Dominical Letters because it is Leap-year,) I go right forward from 5 till I come under the last of them which is A, and there I find *March 26* upon which day *Easter* falleth this year, thus do for any Leap-year, but for the intermediate years as was shewed before.

Having found *Easter*, you may from thence find the other Moveable Feasts, Shrovesund. is 7 weeks before *Easter*, Rogation-sunday 5 weeks after *Easter*. The Thursday after Rogation is Ascension day, 7 weeks after *Easter* is Whitsunday, the Sunday following is Trinity-sunday, the Thursday after that is *Corpus Christi*.

Advent-sunday, is always the nearest Sunday to the Feast of S. Andrew, whether it be before it or after it.

Directions



Swallow 1676.

Directions for Husbandmen, and others for  
all the Moneths in the year.

*January.*

**T**rench your ground, and make it ready for the Spring;  
Uncover the roots of Trees as yet where need requires;  
plant quick-sets, and transplant fruit trees, if not finished  
before. Set Vines, and prune the old ones, as also Fruit-  
trees in the decrease of the Moon, Trim and nail up  
your Wall-fruit, cleanse Trees of moss, gather Cyons  
for Grafts, before they sprout; and toward the end, if  
the weather be mild, Graft Pears, Cherries, and Plums,  
set Pease and Beans, and sow Lettice, and Radish for  
early Sallets.

*February.*

**P**runer Fruit-Trees and Vines as yet, bind, plash, and  
nail your wall-Fruit before the Buds and Bearers  
grow turgid. Remove Grasses of former years Grassing,  
cut and lay quicksets, and set Vines as yet, set all sorts  
of Kernels and stony-seeds, also sow or set Beans and  
Pease, with hardy pot-herbs, as Radish, Parsneps, Oni-  
ons, Parsly, Spinage, &c.

Graff in the cleft, Plumbs, Pears, and Apples, the  
New Moon and the old wood is best. Rub, and scrape  
moss and Cankers from your Trees, and earth up the  
roots of those which are yet uncovered, open the pas-  
sage for your Bees.

*March.*

**P**lanting is yet seasonable (unless in backward and  
moist ground) especially for Peaches and Nectarines,  
you may likewise Graff all this moneth, (unless the Spring  
prove very forward) beginning with Pears, and end-  
ing with Apples. Prune your last years Grasses, and top  
your Rose-trees a little, pruning of the dead and wither-  
ed branches, slip & set sage, Rosemary, Lavender, Thyme,  
Sow endive, Succory, Leeks, Radish, Parsley, Sorrel, Let-  
tice, Onions, Turneps, Purslan, monethly pease, &c.

*G*

*April.*

Swallow 1676.

April.

**N**OW you may sow Sweet-Majoran, Hyssop, Basil, Winter-Savoury, Scurvey-grais, Purslan, and all fine and tender seeds, Set French-beans, and sow Turneps to have them early, you may yet slip Lavender, Thyme, Penecroyal, Sage, Rosemary, toward the middle of the moneth begin to plant forth your Melons, and Cucumbers, toward the end, (if the cold winds be past) Clip Phillyrea, Cypress, Box, and such like shrubs.

May.

**A**S yet sow Sweet-Majoran, Basil, Thyme, Painted-Beans, Carnations, and all herbs and plants which are most tender, plant Stock-gillyflowers in beds at the Full-Moon, shade your Carnations and Gillyflowers about noon in hot days, and pull up weeds in your Corn, and Gardens, before they run to seed, distill plants for waters and spirits, and set your Bees at liberty, looking to them expecting swarms.

June.

**S**OW Lettice, Radish, &c. to have latter Sallets, and about the middle of the moneth you may begin to Inoculate, cleanse Vines from superfluous and under branches, which bear no fruit, gather herbs to keep dry at the Full Moon, water lately planted trees, and plants, keeping them clear from weeds, sow pease to have them ripe after Michaelmas, also set up Hoofs, Canes, and baits to destroy Insects which spoil your flowers.

July.

**W**ATER young trees, and layers lately planted, if the weather be dry, and re-prune your wall-fruit, preserving

## Smallow 1676.

erving the young and likeliest shoots to bear, pulling off the superfluous leaves which hinder the Sun from coming at the Fruit, Inoculate still, gather seeds which you intend to keep in dry weather, kill Snails or they will spoil your wall-Fruit.

### August.

Inoculate at the beginning, if you did it not before, and prune as yet superfluous branches, and shoots of this second spring, but be carefull not to expose the fruit without some leaves to keep it from the Sun, continue to cleanse your Vines from exuberant branches, and pull up the suckers. Clip Roses that have now done bearing, cut such herbs, and gather such seeds as you intend to save, in a dry time, before the Full Moon, unbind the buds you Inoculated if they be taken, make your Summer Perry and Syder.

### September.

Gather now your fruit which is ripe, in dry weather, release Inoculated buds if you did it not before, sow Lettice, Radish, Spinage, &c. Sow also winter herbs and roots, and transplant physical herbs. About the Equinox (if you did it not in the Spring) clip Box and prune Pines and Firrs, and toward the end earth up your winter plants and Sallad-herbs, continue Syder-making.

### October.

Trench ground for Orchards and Gardens, to lie all winter, plant Trees of all sorts, but chuse no Trees for the wall, of above two years Graffing, and sound and smooth. Lay bare the roots of unthriving, or over-hasty-blooming Trees, gather your winter fruit which yet remain, the Moon decreasing, set quick-sets, remove grass after the second years graffing, sow all stony and hard

*Smallow 1676.*

hard kernels and seeds, as also Nuts, Haws, Ashen, Sycomore, and Maple keys; with Acorns, Apple, Pear and Crab kernels for stocks.

*November.*

**D**ung and dig your Garden ready for the Spring, also trench and fit your ground for Artichokes. Continue setting, and transplanting of Trees, furnish your Nursery with Stocks, to Graff on the following year, sow and set early Beans and Pease, and cover your tender herbs, flowers and plants from the piercing cold.

*December.*

**P**runo and nail up wall-Fruit, plant Vines and Stocks for graffing, and sow all sorts of seeds for raising of Nurseries, as in the former moneth, continuing to trench and dung your ground, and towards the end prune and nail up your Vines, turn your fruit, and in clear days open the windows where it lies, least it taint, feed now your weak stocks of Bees.

*Some general Rules.*

**I**N pruning of Trees. Cut off no great boughs, least the water get in and rot the Trees, but cut away the small boughs, where they are too thick, or such as gall, and are not like to bear, keep Vines very thin, they will bear the better. in Graffing choose a warm time, if the stock be small, let the outside of the Cyon be cut thickest in the wedge, but if the stock be great the contrary; in planting set the same side of your Trees south that was south before, if it may be done with convenience, in cutting, planting, and sowing (if you can) let the Moon be increasing, but gather fruit, and seed which you intend to keep, after the Full Moon, in dry weather. It is best to set such Trees and Plants, as will indure the Cold, at the beginning of winter, for such will be forwarder in growth, then those set in the Spring.

The

The Names of the principal Fairs in *England*  
and *Wales*, with the Moneth, Day, and Place  
where they be kept

*January.*

**T**he 5 day at Hickford in Lancashire, the 6 day at Salisbury, Thursday after at Banbury, the 25 at Gravesend Bristol, Churchinford, Northallerton in Yorkshire every Wednesday from Christmas till June.

*February.*

The 1 day at Bromley in Lancashire, the 2 at Reading in Berkshire, at Maidston, Bicklesworth, Bicklesfield, Bath, Kings Lyn, B. gworth. 3 at Borgrove. On Valentines day at Oundle, FEVERSHAM. 24 at Henley, Baldoak. Ashwednesday at Royston, Dunstable, Eaton, Tamworth, Tunbridg, Lichfield, Exeter, Ciceter. The first Munday in Lent at Banbury.

*March.*

The 3 day at Bromelbrakes in Norfolk, 4 at Bedford, 12 at Alton in Norfolk, Sudbury, Wooborn, 13 at Wye, at Bodwin, 20 at Durham. Munday before our Lady day at Kendal, Wisbich, 25 at Huntington, Northampton, Walden, at Ashwel in Hartfordshire, Newcastle. Midlent at Saffronwalden in Essex. Goodfriday at Norwich. Palm Sunday even at Wisbich, Worcester, at Pomfret.

*April.*

Easter Munday at Ony in Bedfordshire, Gainsborough. Easter Tuesday at Daventry, Godmanchester, schole in Norfolk, S. Edmunds bury. On Wednesday at Wellingborough. On Friday at Daroy. On Saturday at Bicklesworth. 2 day at Hitchin, at Rochford, Northfleet. 7 at Darby, 9 at Bil.

## Swallow 1676.

Billingsworth, 11 at Newport-Pagnel, 22 at Stabfort, 33 at Ipswich, Harbin in Norfolk, Northampton, Sapfar, Charing, Hinningham, Tamworth, Bury in Lancashire, St Pombs in Cornwel, 24 at Dunmow, Ockham in Rutlandshire, Buckingham, Darby, 27 at Tenderdon in Kent, Cleet, 30 at Beverly, a week.

### May.

The first day at Swaffam, Heverly in Essex, Laytonbuzard in Huntingdonshire, Rippon, Reading, Maidstone, Tuxford in the Clay, Risin by Lyn. 3 at Stratford upon Avon, Elsto in Bedfordshire, Non Eaton in Warwicksh. Thetford in Norfolk, Chelmsford in Essex, Waltham Abby, Hinningham, Rochdale, Bramyard. 7 at Newton in Lancashire, Beverly, Oxford. 10 at Rochester, Dunstable, Magfield in suffolk. On Rogation Munday at Reach. On Ascension day at Thaxted, Beverly, Rippon, Sudminster, Bishopstratford, S. Neots, Wickham, Middlewich in Cheshire, Ereth in Darbish. On Whitfun-even at Skipton in Craven. On Whitfun-Munday at S. Ives, Rygate in Surry, Bicklefworth, Bradford, at Agmunsham, Munday before Whitfunday at Spilsby, and Munday 14 daies after another. Another on Munday 14 daies after at Partney. On Whitfun Tuesday at Wisbich, a great fair of Horse and Cattel for 5 daies at Newmarket. On Wednesday at Royston, Thursday at Odchill. 25 at Lenham, 29 at Cranbrook.

### June.

Trinity-even at Rowel, Kendal. On Corpus Christi day at Banbury, Bishopstratford, S. Neots, Coventry, Newbury The 6, 7, and 8 of June at Milton Abbas in Dorsetshire. 9 at Maidstone. 11 a Horse fair at Horncastle, at Breme in Norfolk, Bardfield in Essex, 16 at Staw green a great Horse fair begins, and ends the 24. 17 at Hadstock, 23 at S. Albans, Derham in Norfolk, Shrewsbury. 24 at Harston in Suffolk, Barnwel, Bedford, Colchester, Rumford, Reading, Windsor, Halifax, Hereford, Beverly, Hallingden, 26 at Bristol, Darby. 27 at Burton on Trent, Folfstone. 28 at S. Pombs,



## Swallow 1676.

Pombs, 19 at Peterborough, Ashwel, Sudbury, Stebing in Essex.

### July.

The 1, 2, 3 day at Congerton in Cheshire, 7 at Royston, Burnewood. The Munday at Forbingham, 12 at Partay for Horses. 15 at Stratford upon Avon, 20 at Uxbridge, Coolridge, Woodstock, Barkway, 25 at Ickleton, Norwich, Colchester, 26 at Audley-end, Walden, at Reading.

### August.

The first at Pedford, Burnam, St Neots, Dunstable, Fereham, Wisbich, Bicklefworth, Stonystratford, 10 at Blackmore, Harply, Thaxstead, S. Ives, Bedford, Banbury, Farnam, Brainford, 15 at Cambridge, Huntington, Dunmow, Luton, Northampton. 24 at London, Turbury, Norwich, Oxford, Northallerton, Dover, Begger-bush, Burton. 29 at Halton in Suffolk, Harlow, Bush in Essex.

### September.

The first day at S. Giles in the Bush. On Thursday and Friday next before the 8 day at Sandback in Cheshire. 7, 8, 9, 10 at Woodbury-hill in Dorsetshire, 7 at Ware 8 at Huntington, Bury in Lancashire, Partney, Wakefield, Northampton, Sturbreech by Cambridge. 14 at Rippon, Waltham Abby, Chesterfield in Darbshire, Richmond, 15 at Stratford upon Avon, 21 at Marlborough, Bedford, Baldock, S. Edmundsbury, Houlden in Holderness, Braintry, Brackly, Malden, 23 at Malton for Horses, 29 at S. Ives, Basingstoke, Marketdeeping, Shelford, Bishopstratford, Malton for Oxen, Stow, sheldam : Thursday after at Banbury.

### October.

The 2 day at Salisbury, at Havent, Maidstone, Coolidge, Gaywood by Lyn. S. Faiths 8 at Bishopstratford, Harborough, 9 Gainsborough, 11 at Newport pagnel, 13 at Windsor, Colchester, Gravesend, 18 at Ely, Bishop Hatfield, Barnet, Banbury, Thirst, Burton on Trent, 21 at Saffron Walden 23 at Bicklefworth, 28 at Newmarket, Dels in Norfolk, Wakefield, Rothdale in Lancashire,

### November

Swallow 1676.

November.

The 1 day at Chelmsford, 2 at Epping, Kingston on Thames, Padamhaston in Suffolk, 6 at Newportpagnel, Bedford, Harford, 11 at Lodden in Norfolk, Lenton in Nottinghamshire, Hempton in Norfolk, Fockingham in Lincolnsh. Bridgstock in Northamptonshire, Marlborough. 13 at Boston, 17 at Spalding in Lincolnshire, Harlow, Lincoln, Hide, Northampton, 19 Horsham in Kent. 20 at S. Edmundsbury, Ingelston in Essex, Heath. 23 at Sandwich, at Hoult, 30 at Baldock, Barford, Kolingborough, Maidenhead, Warrington, Rochester.

December.

The first day at Norwell, and Tring, 5 at Plackley, 9 at S. Neots, at Woodstock, Spalding, Northwich in Cheshire, at Exeter, Senock, Arundel, Grancham, at Stratford upon Avon, 7 at Sandwich, 8 at Northampton, Clitheral in Lancashire, Huntington, at Malpas in Cheshire, 11 day at Newport pagnel, 12 at Stock, 19 day at Canterbury, Salisbury.

FINIS.